

# Converting Colors

Hex(E56E4C)

Have a look what the booklet for  
Hex(E56E4C) contains.

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# Color

Hex(E56E4C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E56E4C
RGB	229, 110, 76
RGB Percent	90%, 43%, 30%
CMY	0.1020, 0.5686, 0.7020
CMYK	0.00, 0.52, 0.67, 0.10
HSL	13°, 75%, 60%
HSV	13°, 67%, 90%
XYZ	39.1935, 28.3317, 10.2403
YIQ	141.7050, 81.8380, 14.6540

# Conversions

## Conversions Part 2

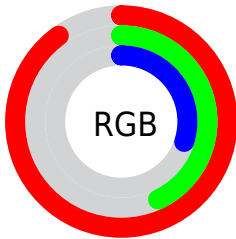
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 120, 76
Decimal	15035980
CIE <sub>Lab</sub>	60.19, 43.77, 40.40
CIE <sub>LCh</sub>	60, 59.565, 42.713
Yxy	28.3317, 0.5040, 0.3643
Android (android.graphics.Color)	4293226060 (0xFFE56E4C)
YUV	141.7050, -32.3926, 76.5577
Hunter-Lab	53.2275, 38.2885, 25.8526

# Details

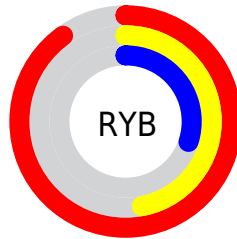
The Hex color **E56E4C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4CC3E5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA47E**, and **A83A1D** is the 20% darker color. If you saturate the color by 10%, you get **E55C35**, and if you desaturate by 10%, it is **E58063**.

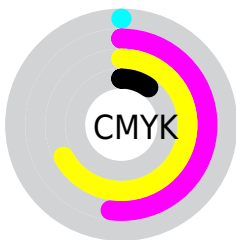
# Distribution



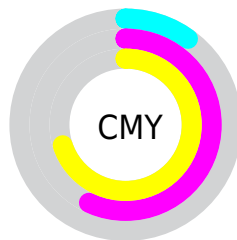
- Red (90%)
- Green (43%)
- Blue (30%)



- Red (90%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (57%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E56E4C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E56E4C by changing the saturation by 10% instead.



 E56E4C

 E56E4C

FFFFFF

 C65434

 FFA47E

 A83A1D

 FFC098

 891E06

 FFDCB3

 6C0000

 FFF9CF

 4E0000

 FFFFEB

 350002

 040000

 000000

 E56E4C

 E56E4C

 E55C35

 E58063

 E54A1E

 E5927A

 E53907

 E5A391

 E53300

 E5B5A8

 E5C7BE

 E5D9D5

 E5EBEC

 E5FCFF

 E5FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F05F7D



E56E4C



C58326

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E56E4C



00A870



528FF8

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E56E4C



4CC3E5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009FF5



E56E4C



00AAA7

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E56E4C



5CA23F



00A8D7



B079DF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E56E4C



A8901A



00A8D7



0096FA



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E56E4C



FFD7CC



E54CC4



806861



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E56E4C



FF6033



E5BA4C



736A67



B32800



330B00

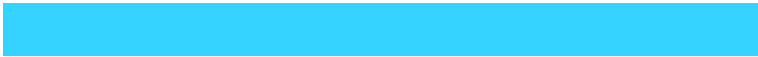


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4CC3E5



33D2FF



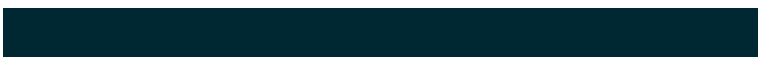
4C77E5



677073



008BB3

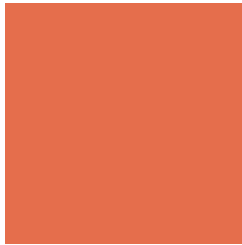


002833



# Previews

## White Background



This preview shows how the Hex color E56E4C looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

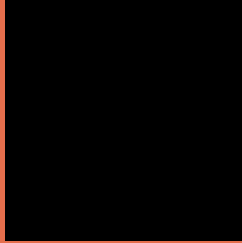
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E56E4C Background



This preview shows how black text looks on a background with the Hex color E56E4C.



This preview shows how white text looks on a background with the Hex color E56E4C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
E76971

# Trichromacy



**Original Color**  
E56E4C

**Protanomaly**  
B88554

**Deuteranomaly**  
C58048

**Tritanomaly**  
E66B64

# Monochromacy



**Original Color**  
E56E4C

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
AE8276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E56E4C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E56E4C looks like.

```
.text, #text, p{  
    color:#E56E4C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E56E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E56E4C
}
```

## Border

The CSS property to change the border of an element to Hex E56E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E56E4C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E56E4C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E56E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E56E4C; -webkit-box-shadow:4px 4px  
4px 4px #E56E4C; box-shadow:4px 4px 4px  
4px #E56E4C }
```

# Background

The CSS property to change the background color of an element to Hex E56E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E56E4C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E56E4C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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